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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
 Richard LePage et al. ) Group Art Unit: 1645  
 Application Number: 09/769,736 ) Examiner: To Be Assigned  
 Filed: January 26, 2001 )  
 For: Nucleic Acids and Proteins from Group B Streptococcus )

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 JUL 24 2002  
 TECH CENTER 1600/2900

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT  
 APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID  
SEQUENCE DISCLOSURES**

ATTN: BOX PCT  
 Commissioner for Patents  
 Washington, D.C. 20231

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Sir:

In response to the attached U.S. Patent and Trademark Office (PTO) Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures mailed June 25, 2002, Applicants submit herewith a computer readable "Sequence Listing", on CD-Rom, stored using MS Windows 2000 operating system in a file entitled "P21089WO" Sequence Listing", occupying 255 KB recorded on July 9, 2002.

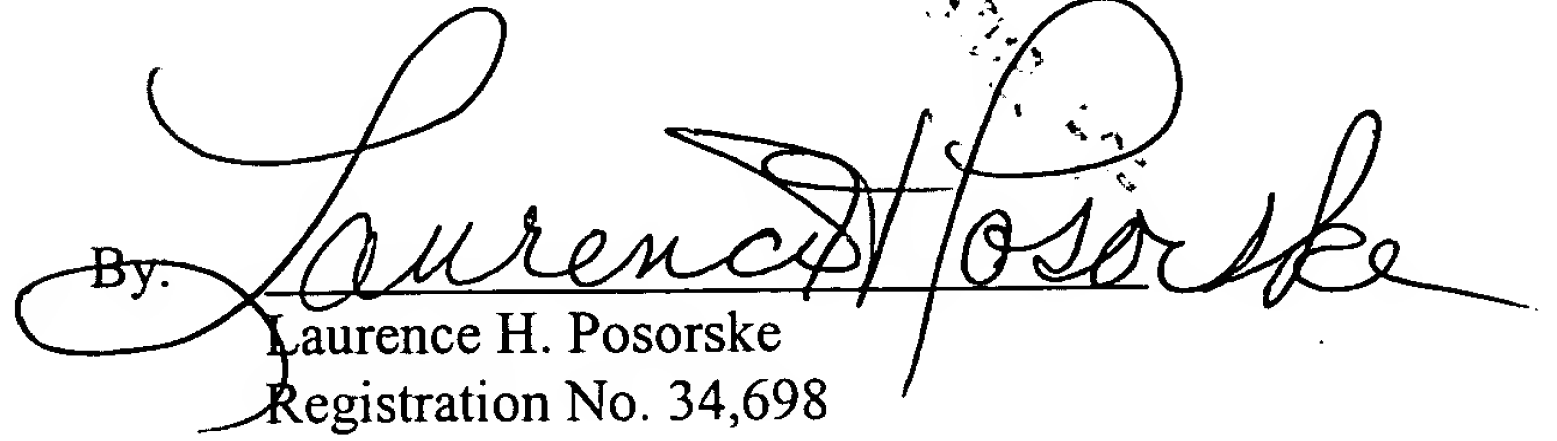
The undersigned certifies his belief that the Sequence Listing information recorded in computer readable form is identical to the written (on compact disc) Sequence Listing submitted herewith.

It is believed that no fees are required for this submission; however, the Commissioner is authorized to charge any fee necessary for entry of this paper to Deposit Account 50-1640.

Respectfully submitted,

BROBECK, PHLEGER & HARRISON LLP

July 18, 2002

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